

# TRIO BWT

## BOILER WATER TREATMENT AND CORROSION INHIBITOR

**TRIO-BWT;** It is a liquid form and corrosion inhibitor used in water or flame tube boilers operating under low and medium pressure. Make-up (feed water) fed to the boiler is conditioned with the use of TRIO-BWT. Hardness prevents the formation of winter by converting the calcium and magnesium salts formed into soft and non-sticky precipitate. It eliminates the dissolved oxygen in the feed water and provides corrosion protection in the boiler pipes. It creates p-alkalinity in the boiler water and removes the boiler water from the acidic area.

### PRODUCT FEATURES AND BENEFITS

- It prevents punctures, bursts and blockages in regular use and keeps maintenance costs to a minimum.
- It saves energy by preventing lime and corrosion to be formed in the boiler in regular use.
- It reduces energy costs in regular use.
- It extends the life of boiler equipment and parts.
- It reduces maintenance and operating costs.

### DOSAGE AMOUNT AND INTENDED USE

As long as the boiler is running, TRIO-BWT should be continuously dosed to the feed water suction line in the system with the help of a dosing pump. TRIO-BWT product should be diluted with purified water or condensate water. If no conditioning program has been applied to the boiler water, the first TRIO-BWT dosage is 200 gr. for 1 ton of water. The amount of continuous dosing is 30-100 gr. for 1 ton of water depending on the quality of the feed water. The presence of 100-300 ppm (CaCO<sub>3</sub>) alkalinity and max, 300 ppm chloride in the boiler water and the pH range of the condensate return water is requested to be 8.3-9. In the presence of > 300 >ppm chloride and 300 ppm p-alkalinity, the boiler should be blown until the chloride and p-alkalinity values in the boiler water are reduced to the desired levels.

**NOTE: Please review the MSDS reports before use for safety, occupational health and safety.**

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